



# Monocrystalline solar panels in New Zealand

What is a mono crystalline solar panel?

Mono-crystalline solar panels are made from a single, high-grade silicon crystal, which makes them more efficient and more expensive than other types of solar panels. Polycrystalline solar panels are made from multiple small silicon crystals, which make them less efficient but also less expensive than mono-crystalline panels.

What are the best solar panels in New Zealand?

Introducing the full black HITEK Solar 330W PERC module! It just came out in March 2020 -- and is one of the best solar panels in New Zealand. With PERC or rear cells, sunrays bounce from its mirror underneath toward the cells, optimising your energy output. This results in a superb 22.5% efficiency, which is suitable for the country's weather.

What is a monocrystalline panel?

Monocrystalline, as the name suggests, is constructed using one single crystal. This gives the panel a uniform appearance. Monocrystalline cells use more silicon and in turn are more expensive to produce. More silicon content produces greater efficiency and a better performance in lower light conditions.

Why do we use Longi monocrystalline solar panels?

At ZEN Energy, we choose to only use LONGi monocrystalline solar panels, as these have been shown to have the best efficiency and durability for the end user while still retaining great value. LONGi has led the solar PV industry to new heights with product innovations and optimised power-cost ratio with breakthrough monocrystalline technologies.

Are Longi 370w solar panels available in New Zealand?

Earlier this year, LONGi launched their new 370W solar panel range, and we are very happy to tell you that we now have this latest technology available in New Zealand! Providing higher power, higher efficiency half-cut PERC solar technology at a better price point. What does the LONGi 370W panel deliver?

What is the best 330W solar panel in NZ?

The cells in this panel run at an ultra high 22.5% efficiency rating, and in turn our panel is the highest efficiency 330w panel available in NZ today (with the smallest physical panel size footprint), eg Physically smaller than a Trina Solar or JA Solar 330w and with a higher efficiency rating.

Thin, lightweight, portable and capable of flexing up to 213 degrees, this Rovin 200W Flexible Solar Panel is your perfect solution for a power-independent journey! With IP67 waterproof rating, this durable and weatherproof panel is ...



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With a working temperature range of -40°C to 80°C and an IP67 waterproof rating, this panel is designed to last. Easy Installation : Comes with junction box and MC4 connectors, which are ...

Designed for clean solar power in on-grid or off-grid residential, commercial, industrial and utility scale systems. 10 year product warranty, 25 year linear power warranty. Specifications: Peak Power Watt: 400w Power Output ...

330w PERC MONO Rear Contact ALL Black Solar Panel. Ultra High 22.5% Efficiency using Rear Contact Cells, very latest technology. Ultimate Low light performance Autumn, Winter, Spring, Cloudy day, rainy day, overcast power ...

All Powertech monocrystalline solar panels are covered by a 25 year limited warranty. This warranty covers the panels for defects in construction and manufacturing for a period of 5 years, and warrants that the electrical output ...



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